

### Abstract

The invention relates to a device (15) for detecting a momentary distance (A) between a motor vehicle (7) and an obstacle (8, 8'), comprising distance sensors (1-6) and a control unit (10). It is essential to the invention here that the control unit (10) is designed to calculate a driving path (11), to be traveled through in future by the motor vehicle (7), using dynamic vehicle data and in that the control unit (10) is designed to differentiate between relevant obstacles (8') which are located within the driving path (11), and irrelevant obstacles (8) which are located outside the driving path (11).

The invention also relates to a method for detecting a momentary distance (A) between a motor vehicle (7) and an obstacle (8, 8').

(Fig. 3)